

**COLORADO RIVER BASIN**

**09404208 DIAMOND CREEK NEAR PEACH SPRINGS, AZ**

**LOCATION**--Lat 35°45'54", long 113°22'03", sec. 32, T.28 N., R.10 W., unsurveyed, Mohave County, Hydrologic Unit 15010002, on the Hualapai Reservation, on the right bank, 0.25 mi upstream from mouth, and 20.4 mi north of Peach Springs by dirt road.

**DRAINAGE AREA**--279.5 mi<sup>2</sup>.

**PERIOD OF RECORD**--May 1993 to current year.

**GAGE**--Water-stage recorder. Elevation of gage is 1,400 ft above sea level, from topographic map.

**REMARKS**--Records fair except for estimated daily discharges, which are poor.

**EXTREMES FOR PERIOD OF RECORD**--Maximum discharge, 10,500 ft<sup>3</sup>/s Aug. 29, 2000, gage height 15.32 ft from floodmark; minimum daily discharge, 0.64 ft<sup>3</sup>/s, Aug. 9, 1993.

**EXTREMES FOR CURRENT YEAR**--Peak discharges greater than base discharge of 600 ft<sup>3</sup>/s and (or) maximum (\*):

Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
Oct. 3.....	1430	*1,200	*10.72

Minimum daily discharge, 0.69 ft<sup>3</sup>/s, June 26, 27.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.3	3.2	3.4	3.0	3.9	3.2	2.4	3.0	1.4	1.8	2.4	2.6
2	2.6	3.2	3.7	3.0	3.6	4.2	2.8	2.9	1.4	2.0	2.7	1.7
3	100	3.2	3.6	3.6	3.8	4.5	2.9	2.7	1.3	2.0	2.8	1.7
4	e2.6	3.3	3.6	3.6	3.8	4.5	2.3	2.5	1.3	2.4	2.8	1.7
5	e2.5	3.4	3.6	3.5	3.5	4.5	2.2	2.0	1.3	2.7	2.8	1.6
6	e2.9	3.2	3.3	3.2	3.4	4.6	2.2	2.0	1.4	2.8	2.8	1.8
7	2.0	3.3	3.2	3.2	3.6	4.7	1.7	2.4	1.5	3.0	4.4	1.9
8	2.3	3.3	3.5	3.2	3.5	4.6	1.4	2.2	1.4	2.9	2.6	1.9
9	2.0	3.5	3.6	3.5	3.2	4.3	1.5	1.9	1.5	2.8	2.3	1.9
10	2.3	3.2	3.6	3.6	3.2	4.0	1.5	2.2	1.5	2.1	1.8	2.4
11	2.5	2.7	3.8	3.6	3.5	3.6	1.7	2.2	1.4	1.8	1.7	1.9
12	2.3	2.9	3.9	3.6	3.3	3.7	1.8	2.2	1.3	1.7	1.9	2.5
13	2.3	2.4	3.5	3.2	3.4	3.6	1.7	2.0	1.2	1.7	2.0	2.1
14	2.6	2.2	3.4	3.6	3.4	3.3	1.8	2.0	1.2	1.9	1.8	2.5
15	2.8	2.4	3.6	3.6	3.5	3.1	1.9	2.0	1.2	1.8	3.0	2.4
16	2.6	2.7	3.6	3.6	3.3	2.8	1.8	1.9	1.0	e2.6	4.3	3.0
17	2.6	2.9	3.5	3.6	3.4	2.6	2.0	1.8	0.92	e2.0	3.3	5.1
18	2.6	3.1	3.6	3.7	3.5	2.3	2.2	1.9	1.2	e2.0	3.1	4.2
19	2.6	3.0	3.4	3.7	3.4	2.0	2.2	1.9	1.2	e1.8	e2.5	e8.9
20	2.5	3.1	3.0	3.6	3.6	2.1	2.4	2.0	1.1	1.9	e2.0	e3.0
21	2.5	3.0	3.0	3.5	4.3	2.2	2.5	2.1	0.96	1.6	e2.0	e2.0
22	2.6	3.0	3.1	3.3	4.0	1.9	2.4	2.4	1.0	1.5	e2.0	e2.0
23	2.6	2.7	3.1	3.5	3.9	2.1	2.4	2.0	0.74	1.5	e2.0	e1.8
24	2.7	2.6	3.1	3.5	3.4	2.0	2.5	1.8	1.3	1.5	e2.0	1.9
25	2.7	3.2	3.2	3.6	2.9	1.8	2.5	1.7	1.0	1.7	e1.8	1.9
26	2.9	3.1	3.6	3.6	3.2	2.0	2.4	2.4	0.69	3.7	2.4	1.8
27	3.0	3.3	3.3	3.8	3.3	1.9	2.1	2.2	0.69	3.5	2.0	1.6
28	2.9	3.8	3.0	4.1	3.2	2.0	2.5	1.9	0.93	1.4	2.0	1.6
29	2.9	3.9	2.9	3.7	3.1	2.5	2.3	1.9	1.3	1.5	1.6	1.7
30	3.0	3.6	2.8	3.6	---	2.3	2.3	2.0	1.4	1.8	1.6	1.8
31	3.1	---	3.0	3.8	---	2.0	---	1.7	---	2.0	1.5	---
TOTAL	177.8	92.4	104.5	109.2	101.1	94.9	64.3	65.8	35.73	65.4	73.9	72.9
MEAN	5.74	3.08	3.37	3.52	3.49	3.06	2.14	2.12	1.19	2.11	2.38	2.43
MAX	100	3.9	3.9	4.1	4.3	4.7	2.9	3.0	1.5	3.7	4.4	8.9
MIN	2.0	2.2	2.8	3.0	2.9	1.8	1.4	1.7	0.69	1.4	1.5	1.6
AC-FT	353	183	207	217	201	188	128	131	71	130	147	145

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2004, BY WATER YEAR (WY)

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	3.29	3.59	3.97	4.38	4.40	4.91	3.63	2.71	2.32	5.58	4.56	4.55
MAX	5.74	4.56	4.79	5.34	5.01	11.3	4.51	3.27	3.81	25.8	19.2	18.6
(WY)	2004	1999	1999	1997	2000	1995	1998	1999	2000	1999	2000	1999
MIN	2.63	3.05	3.17	3.29	3.49	3.06	2.14	1.94	1.19	1.09	1.61	2.26
(WY)	2002	1996	1995	1995	2004	2004	2004	2002	2004	1993	2002	1995

SUMMARY STATISTICS

FOR 2003 CALENDAR YEAR

FOR 2004 WATER YEAR

WATER YEARS 1993 - 2004

ANNUAL TOTAL	1839.7	1057.93	
ANNUAL MEAN	5.04	2.89	4.06
HIGHEST ANNUAL MEAN			7.07
LOWEST ANNUAL MEAN			2.87
HIGHEST DAILY MEAN	200	Jul 25	484
LOWEST DAILY MEAN	1.4	Aug 1	0.64
ANNUAL SEVEN-DAY MINIMUM	1.6	Jul 15	0.82
ANNUAL RUNOFF (AC-FT)	3650	2100	2940
10 PERCENT EXCEEDS	5.0	3.6	4.8
50 PERCENT EXCEEDS	3.1	2.6	3.2
90 PERCENT EXCEEDS	1.9	1.5	1.9

e Estimated